AUTO VIDEO & AUDIO SYSTEM EXPERT

PLDTVN65

BEFORE OPERATING THE UNIT PLEASE READ THIS INSTRUCTIONS MANUAL THOROUGHLY

CONTENTS

Ⅰ, Brief introduction----------01

Ⅱ, Characteristics

Specifications ----------01

Function ----------03

Ⅲ, System installation

Installation key point ----------04

Host equipment installation----------04

Connection ----------04

Ⅳ, Introduction to buttons

Buttons on monitor panel----------06

Remote controller buttons function----------07

Ⅴ,System operation instruction

Turnoff/Start System----------08

Volume Control----------08

System Setup----------08

Time Setting ----------10

Monitor angle adjust ----------10

Ⅵ,Radio operation

Receive pre-store station ----------10

Frequency Switch----------11

Searching Station----------11

Store station manually ----------11

Ⅶ,TV operation

TV Play----------12

Receive preset TV station ----------12

TV channel selection and adjustment----------12

Ⅷ,DVD Operation

DVD play----------13

Change song ----------13

Fast forward and reverse ----------13

Change disc----------13

Track switch----------14

Ⅸ,CDC Operation

CDC play----14

Change song----14

Fast forward and reverse----14

Change disc----14

Track switch----14

CD changer operation----15

Ⅹ,AV Operation

AV play----16

Backing with backsight ----16

Ⅺ,Necessary Disc machine installation ----17

Ⅻ,Accessories

Backing radar installation----22

Backing radar usage----23

ⅩⅢ ,Precautions ----25

ⅩⅣ ,Troubleshooting ----26

ⅩⅤ ,Packing list ----27

Notice: No inform available if there is any change of specification

Safety statement:

★★★ **It is prohibited in law if you watch TV or other multimedia programs while driving. So for your safety, please do not watch programsor operate the instruments.**

★★★ **The system is designed to aid you to back cars, we will not take Any responsibility if there is an accident when backing.**

Warning:

★★★ **There is laser in CD changer. There will be possibly an exposure of harmful laser if try to operate or adjust or make a performance control.**

★★★ **Do not open the CD changer or try to make any change. It is very complicated, and it uses laser adapter to read information out of CD surface. Try to avoid the laser because of it is still there.**

Ⅰ、*Brief Introduction*

Thank you for purchasing this series of high quality AV products for automobiles. This product is a multi-function system developed by our company and special for high-level cars, business vehicles and special-use vehicles and has a car-carried control center concentrating entertainment, audio-visual, radar distance test, rear view and TV as a whole. This product also adopts professional car-carried suck-up DVD chip and can play DVD, MP3, VCD and CD. With high sensitive TV module, you can enjoy the every convenience brought by TV, know the world news and stock increase & decrease at any time and anywhere. This machine can control disc exchanger of CD & DVD, 50W car-carried special power amplifier and FM/AM digital tuning radio, providing satisfactory AV entertainment for the customers. It uses 6.5" LCD display with 16:9 proportion suitable for people's eyes, which has very wide visual angle in upper & down, left & right and its structural dimensions conforming with the mounting dimension of ISO TWO Din.

This system bears the professional design of car-carrier products, intelligence of all the operations, and OSD menu display. And all the set parameters and location have automatic memory and can restore automatically. It also has video input/output interface and car-backing visual input to show the information at car backing automatically. Professional radar distance test module can be used alternatively, which makes the monitoring and entertainment be done at the same time and frees you of apprehensions in the rear. Wide band voltage design is applicable to the requirements of all types of automobiles. In order to correctly install and use this product, please read this manual attentively.

Ⅱ、*Characteristics*

2.1 Specifications

2.1.1 System parameters

Items	Parameters
Voltage	DC 11V-14V
Current	1.5A（Amplifier off） MAX 10A
Working Temp.	-10 ~ 60℃
Store Temp.	-30 ~ 80℃
Video system	Auto PAL or NTSC
Inputs	One channels of video input/backing lens input (Comprise one channel of back running video)
Sizes	178(W) × 176(L) × 100(H) mm

Weight	2.6 kg
Screen size	16:9 6.5 inches（diagonal）
Resolution	1200 × 234 pixels
Dot pitch	0.136(H) × 0.416(V)

2.1.2 Performance parameters

Items	Parameters
FM/AM modulation parameters	
Band	FM:87.5-108MHz AM:522－1611Mhz
Modulation	Phase-locked loop frequency modulation
Display	Panel LCD or OSD
Memory capacity	FM:16 AM:8
Seeking	Automatic/by hand
TV parameters	
Band	VHF-L 48.25～ 170.00MHz
	VHF-H 170.00～ 450.00MHz
	UHF 450.00～ 863.25MHz
Receive System	PAL /NTSC
Seeking	Automatic/manual
Memory method	Automatic
Memory capacity	40 channels
Antenna resistance	75Ω
CD parameters	
Voltage	11－14V
Current	< 1A
Audio output Vol.	2 Vpp
Output tracks	2 tracks (R、L)
Output resistance	600Ω
Frequency response	5－20000Hz (± 1dB)
SNR	96 dB
CD Changer Dims	230(L) × 69.5(H) × 164.5(W)mm
CD Changer weight	1.5Kg
Disc box weight	0.17Kg
Disc box capacity	8 ~ 16 discs(8 discs Panasonic DP88 /12 disc)

VCD parameters		
Video output		1 Vpp
Video system		NTSC (default) or PAL
DVD parameters		
Disc		12cm DVD/VCD/CDMP3/CD-R
SNR		>90 dB
Dynamic area		>90 dB
Distortion		<0.05%
Definition		>500
TV system		PAL/NTSC
Amplifier parameters		
Test voltage		13.8V
Maximum power output		50W × 4（4Ω）
Full power output		25W × 4（4Ω）
Speaker resistance		4Ω（can be 4－8Ω）
Tone	Bass	100Hz ±12dB
	Treble	10kHz ±12dB

2.2 Functions

Built-in function: in car DVD, 50W amplifier, DVD, VCD, CD,MP3,CD-R

TV: Build in TV function, 40 channels restorable

AM/FM receiver: 24 stations restorable

Radar measure: radar measuring back sight system (optional)

Monitor: introduce 16:9 6.5 inch TFT LCD monitor

Automatic memory: All set characteristics and positions can be remembered automatically, and can be restored automatically.

Display system: AUTO PAL or NTSC.

Remote controller: remote controller can fulfill all function.

Menu function: OSD menu can indicate all operations, and real-time is also available.

Signal sources: AV input/output (comprise one channel of back running input).

Back running detection: This system has back running video input, the input system Will be switched to back running input to monitor the back running process.

Ⅲ、*System Installation*

3.1 Installation key points

◇ The product is specially designed for 12V vehicle, if installed in other vehicles, please install power Changer.

◇ To avoid short-circuit, it is strongly suggested to disconnect accumulator cathode before installation.

◇ This product should not be used without fuse.

◇ Do not connect with the mains directly with that of other electrical equipments.

◇ Do connect the ACC & BATT cord according to the installation instruction, or the instrument will automatically power off abnormally. And please remember to switch off the power supply after usage, or it will consume lot of the stored battery.

◇ The installation position should be chose in a place which will not effect the Operation of other electronic instruments, such as air-conditioner.

3.2 Host equipment installation

◇ Pay attention not to destroy or dirty instrument desk.

◇ Find a free slot in the instrument desk, clean up the inside for enough space.

◇ insert DVD player in the slot.

◇ Take out the host equipment and connect to power supply jack, video jack.

◇ Please refer to CD changer installation instruction.(Refer to 11.2)

3.3Connection

◇ Connect power cord ACC (red) to ignition switch.

◇ Connect BATT (yellow) to the circuit of accumulator.

◇ Connect back running cable (blue) to back running switch or back running lamp Circuit (12V is valid)

◇ Connect antenna and amplifier control cable.

◇ Connect all video cable to video inputs.

◇ Connect speakers to amplifier outputs (pay attention to color and polarity)

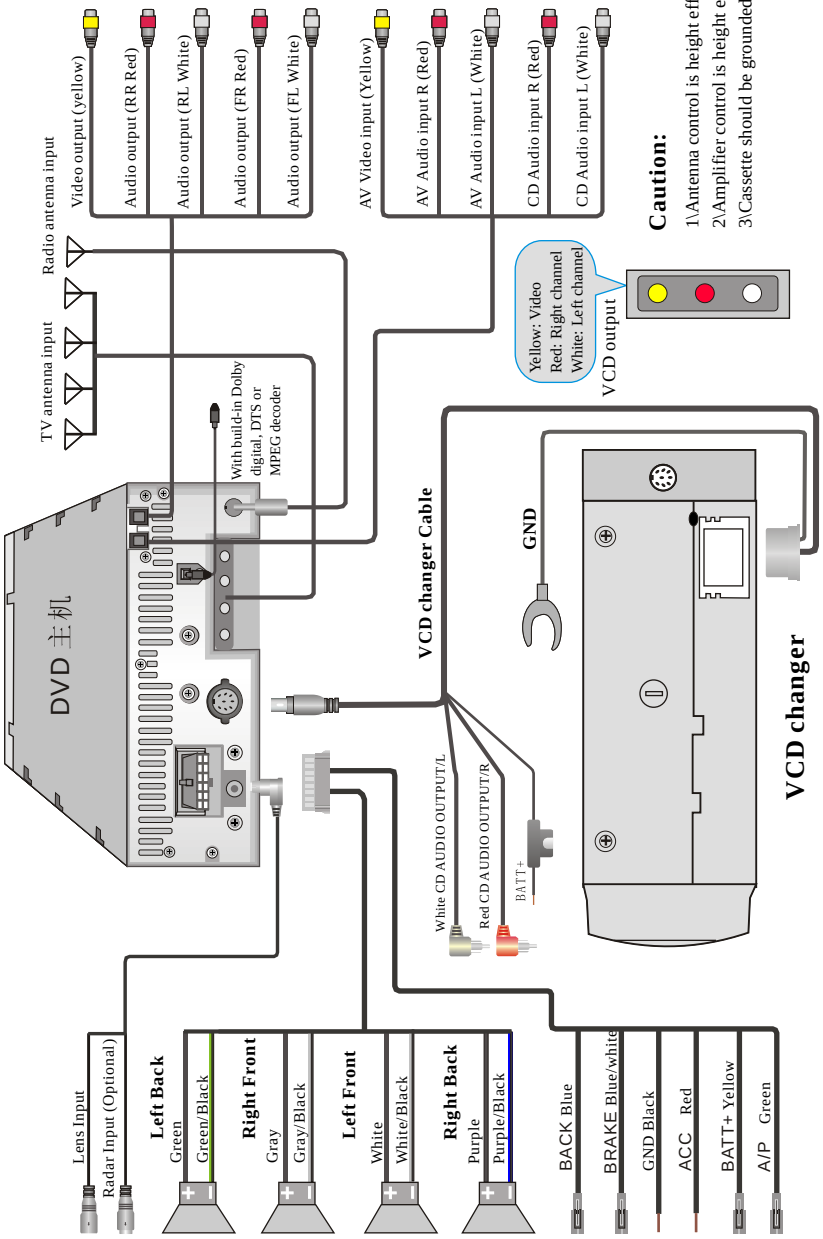
◇ Plug antenna-to-antenna jack.

◇ Connect CD changer control line (referring to CD changer installation)

◇ Check all connections.

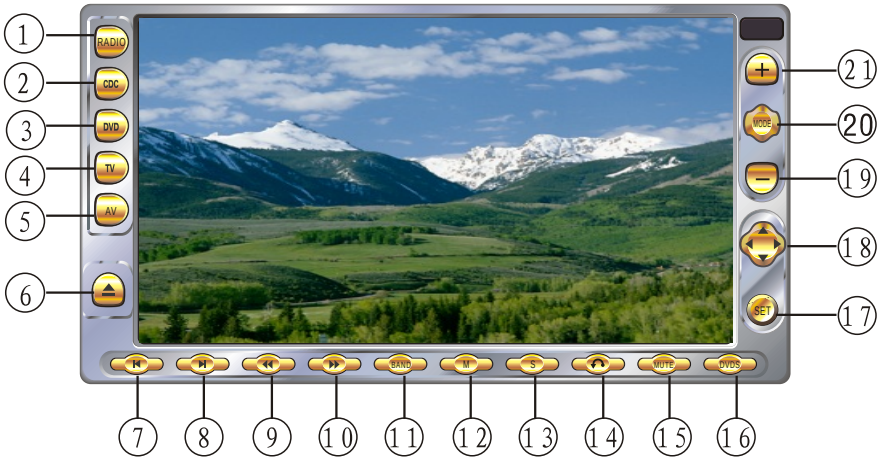
◇ Clean up all cables for installation

3.3.1 System connection diagram



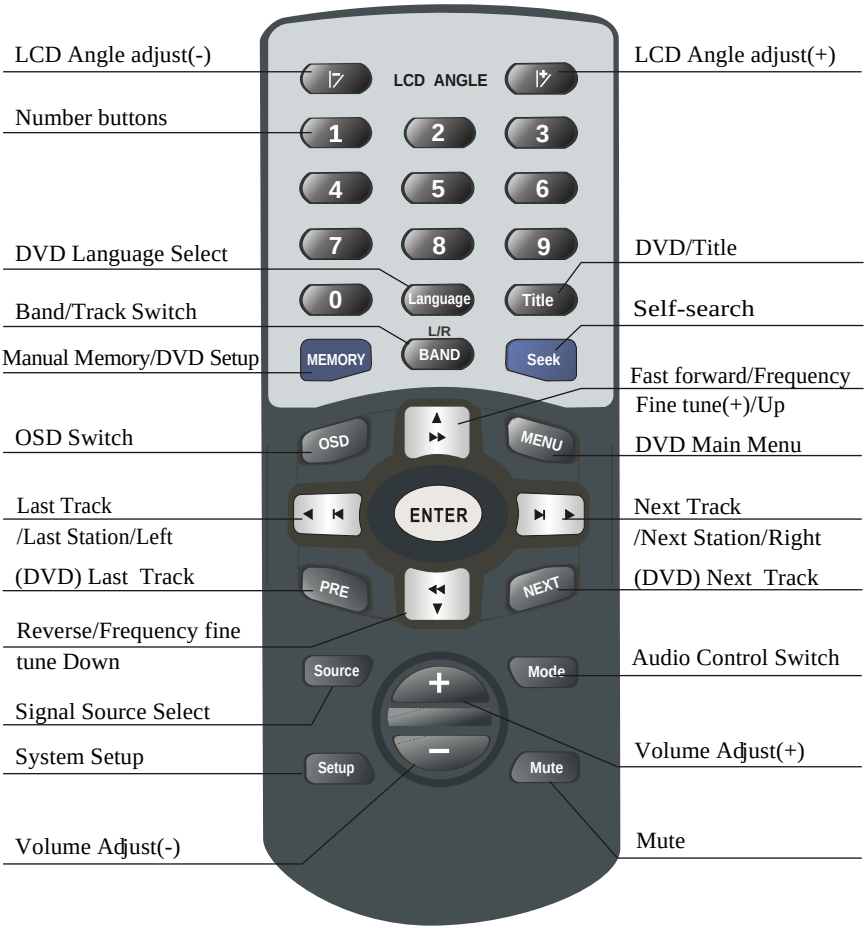
Ⅳ, *Introduction to buttons*

4.1 Buttons on monitor panel



1. Radio Play
2. CDC Play/Switch Display Data
3. DVD Play/Switch Display Data
4. TV Select
5. AV Select
6. Switch Power/LCD Angle Adjust
7. Last Track/Last Station
8. Next Track/Next Station
9. Reverse/Frequency fine tune(-)
10. Fast forward/Frequency Fine tune(+)
11. Tract Switch/Band Select
12. Title Select/Last Disc
13. Language Select/Next Disc
14. Back to Main Menu(DVD)
15. Mute
16. DVD Setup
17. System Setup
18. Setup Control
19. Volume(Down)
20. Audio Control Switch
21. Volume(Up)

4.2 Remote controller button functions



4.2.1 Signal source selection

Press the signal source selection key SOURCE on the remote board, the screen will display as the following picture, use ◀ or ▶ for switch, and press ENTER for confirmation of entering into the corresponding play mode (**AV/CDC/TV/DVD/RADIO**)。

Ⅴ, *System operation instruction*

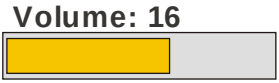
5.1 Turn off /start system

Press ⏏ key (>2S) for 1 second to turn off the power of the system, pressing it once again will start the system automatically and restore to the last used status.

5.2 Volume control

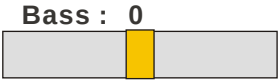
☆ In the volume adjusting mode, press key “+”, the volume will get louder and get weaker when press “－”.

☆ The volume during adjustment will be displayed on the screen (min. 0, max.31), press key “+” or “－” Continuously, the volume Can be adjusted continuously, see the right picture.



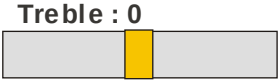
5.2.1 Bass adjustment

Press “MODE” until the bass-adjusting mode is got, the screen will display as the right picture, then adjust the bass effect with key “+/-”.



5.2.2 Treble adjustment

Press “MODE” until the treble adjusting mode is got, the screen will display as the right picture, then adjust the treble effect with key “+/-”.



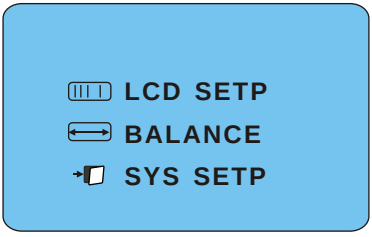
5.2.3 Mute

☆ Press “MUTE” to shut down the sound, and the system will go into no-sound mode, MUTE will display on the screen. Press “UTE” once again to leave the mute mode.

☆ The volume still can be adjusted under the mute mode, but system is still in no-sound status. Only pressing “MUTE” again can restore to the sound mode.

5.3 System setup

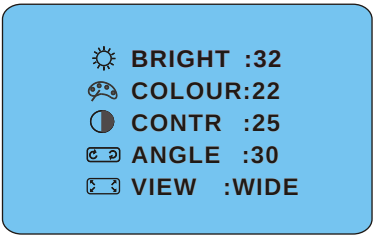
Press button “SET” in any mode, the screen will display as the right picture, press▲or▼(18) up and down to select LCD SETP (LCD Screen Setup).



BALANCE (balance adjustment up and down, right and left.).

SYS SETP (System Setup), the selected menu will become pink.

5.3.1 LCD Screen Setup



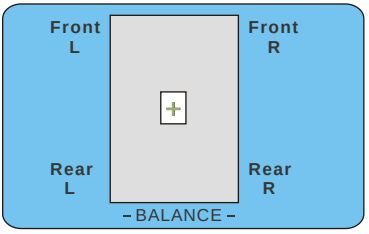
☆ Press SET to enter into menu setup, press ▲ or ▼ (18) to select LCD screen setup, press ◀▶ (18) vertically to confirm into LCD screen setup.

The screen will display as the right picture.

The setup of brightness, color, contrast, angle and screen view (wide/zoom/center) can be done respectively.

☆ Press ▲ or ▼ (18) to select up and down, the selected menu will become pink. Press ◀ or ▶ (18)to make setup. Press SET again to exit system setup.

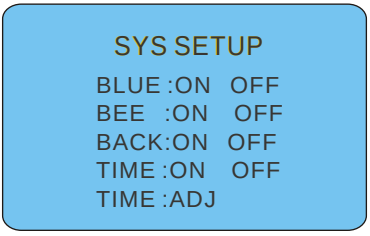
5.3.2 Balance adjustment up and down, right and left.



☆ Press SET to enter into menu setup, press▲ or ▼ (18) to select Balance Adjustment Up &Down, Right & Left. press ◀▶ (18) vertically to confirm entering into Balance Adjustment Up &Down, Right & Left. The screen will display as the right picture.

☆ Press▲▼◀▶(18) respectively, “+” will move up and down, right and left to control the volume of the four channels up and down, right and left. The volume of the four channels will be the same when “+” is in the middle. Press SET again to exit system setup

5.3.3 System setup



☆ Press SET to enter into system setup. Press ▲or▼ (18) to select System Setup, press ◀▶(18) vertically to confirm entering into system setup mode. The screen will display as the right picture. The blue screen, beep, car-backing, view switch, time displaying and time adjustment can be set up respectively.

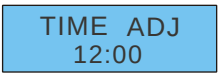
☆ Press▲or▼ (18) to select up and down, and the selected menu will become pink; press

◀Or▶(18) to make setup. Press SET again to exit System

Note: When the blue screen is set to "ON", and no visual signal is input, the screen will display in blue.

5.4 Time setting

☆ Press SET to go into System Setup (refer to 5.3.3 in detail), and select TIME ADJ, press ◂▴▸▾ (18) vertically to confirm entering into time setup mode. The screen will display as the right picture.



☆ Press ▲or▼(18) for time adjusting, press ◀or▶(18) for change-over selection between HOUR and MINUTE. Press ◂▴▸▾ vertically after that to confirm and store the time setup, also return to System Setup.

☆ Press SET directly to exit without storing the setup.

5.5 Monitor angle adjust

☆ When the system is "ON", short pressing ⏏ can adjust the display angle to the preset angle or return to vertical mode.

A. When the system is under non-DVD mode, the display angle status can be vertical—preset angle;

B. When the system is under DVD mode, the display angle status can be vertical —preset angle—max. angle.

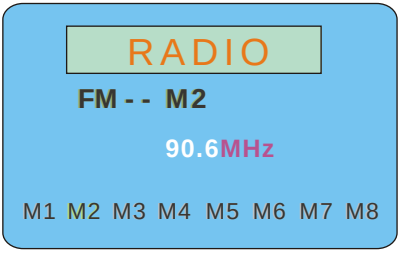
☆ When the system is "ON", pressing |◀ ▶| on the remote board can tune the display angel to bigger or smaller;

☆ The preset angle of the display can be set in the System Menu (refer to 5.3.1), under non-DVD mode, ▲or▼also can be used to preset angle.

VI, *Radio operation*

6.1 Receive pre-stored stations

☆ Press RADIO to enter into radio mode and play back the pre-stored radio channels, please see the right picture.



☆ Press |◀ or ▶| to play the pre-stored last or next radio channel;

☆ Press the digital keys (1~8) on the remote board, directly play the corresponding pre-stored radio channel;

☆ Volume adjusting please refer to 5.2;

☆ Select other functions(AV,TV,DVD,CDC) to stop playing radio.

6.2 Frequency Switch

Press button BAND, you can choose FM(FM1/FM2) and AM.

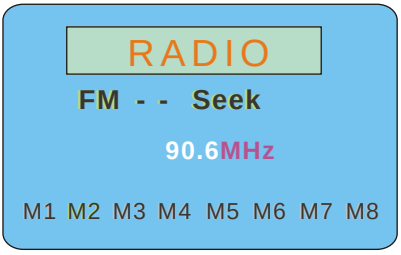
6.3 Searching station

A.Manual search

☆ Press ◀◀ or ▶▶, tune the radio frequency forward and backward by 0.05MHz each step;

☆ Pressing (>2S) ◀◀ or ▶▶ longer will initiate the automatic search or last/next radio channel; press SEEK or reverse search key to end manual search. The current receiving frequency will be displayed on the screen.

B.Automatic search



☆ Pressing SEEK two times continuously (3S) under receiving status will enter into automatic search mode. Search for all the radio channels within the frequency in order and store automatically. During the search, the changed frequency will be displayed on the screen.

After the search ends, the first searched channel will be played automatically and the current receiving frequency will be displayed on the screen.

☆ Pressing SEEK under the automatic search mode will end the automatic search and return to receiving status.

6.4 Store station manually

☆ Press ⏮ or ⏭ to select the radio channel No. (M1~M8) you want to store, then again Press ◀◀ or ▶▶ to manually search the radio frequency you want (refer to 6.3 in detail). When the radio channel has been found, press **M**, making the radio No. you want to store blinking and pressing **M** button once more in 3 seconds, which will store the radio channel into the corresponding Number

☆ This system can contains 24 preset channels, and store 8 channels of FM1, Fm2 And AM respectively.

Ⅶ, *TV operation*

7.1 TV play

☆ Press TV button to start TV signal receiving.

☆ Volume adjust refer to 5.2

☆ Select other function(AV\Radio\DVD\CDC) to stop playing TV.

7.2 Receive preset TV stations

☆ Press "TV" button to watch TV, press ⏮ or ⏭ for playing preset next TV station or last TV station.

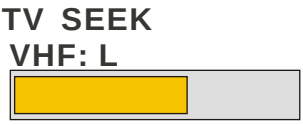
☆ Press number button(0-9), system will switch to that TV station after 3 seconds.

☆ Press button(0-4), screen will display "**X –** " , press once again the button within 3 seconds, system will switch to "**XX**" channel automatically.

★★★ The numbers of TV station depend on the TV signal. This unit can store 40 channels.

7.3 TV channel selection and adjustment

A. Automatic search



☆ Press SEEK two times continuously (3S) under the TV playing status to enter into TV channel automatic search mode. Search for all the TV channels within the frequency in order and store automatically. After the search ends, the first searched TV channel will be played automatically.

☆ Pressing SEEK under the automatic search mode will end the automatic search and return to the playing status.

B. Tuning

☆ Press ◀◀ or ▶▶ , tune the TV frequency forward and backward by 50KHz ;

C. Store the TV stations manually.

☆ Press ⏮ or ⏭ to select the TV channel No., then Press ◀◀ or ▶▶ again to manually search the TV frequency you want. When the TV channel has been found, press **M**,

making the TV channel No. you want to store blinking and pressing **M** once again in 3 seconds, which will store the TV channel into the corresponding Number.

☆ This machine can pre-store 40 channels.

Ⅷ, *DVD operation*

8.1 DVD playing

☆ Press key DVD, play DVD. Press DVD again or press OSD on the remote board to change to display OSD information.

☆ Press key **M** or TITLE on the remote rod to select captions.

☆ Press key **S** or LANGUAGE on the remote rod to select language.

☆ Press key A to return to DVD playing menu.

☆ During playing, press ◂▴▸ (18) to pause DVD playing , press it again to leave pause status.

☆ Press key DVD to enter or exit DVD setup (DVD will pause playing when entering into DVD setup).

☆ Select other functions (AV, TV, Radio, CDC) to stop DVD playing.

8.2 Changing song

☆ Under DVD playing status, press ⏮ or ⏭ to choose last or next track.

☆ Under DVD playing status, press "PRE" on the remote board to last track, press "NEXT" to next track.

8.3 Fast forward/reverse

☆ Press ◂◂ or ▸▸ button for fast forward or reverse.

☆ Press ◂▴▸ button for backing to normal playing state.

8.4 Changing disc

☆ Press ⏏ to adjust the screen to the max. angle and reveal the disc ejection window, as shown in the following picture. Press again the on the DVD window to eject the DVD disc.

Note: When the indicator of the disc case is ON, it means a disc is inside the DVD case.

8.5 Track switch

☆ Under DVD mode, press BAND to change the sound channel. There are 3 selections (L/L, R/R, L/R) for sound channel change; the sound channel status will be displayed on the screen. If it is stereo(L/R) , the display will disappear after 3 seconds.

IX, *CDC operation*

9.1 CDC playing

☆ Press key CDC, play CDC. Press CDC again or press OSD on the remote board to change to display OSD information.

☆ Select other functions (AV, TV, Radio, DVD)to stop CDC playing.

9.2 Changing song

☆ Under CDC playing status, press ⏮ or ⏭ to select last or next track.

9.3 Fast forward and reverse

☆ Press ◀◀ or ▶▶ continuously to make disc go forward or reverse fast, release them to end the fast forward or reverse and restore to the normal playing status.

9.4 Changing disc

A.Manual change

☆ Press key **M** or **S** to play the last or next disc;

☆ Press the digital keys to play the disc in the corresponding case.

B.Automatic change

☆ The system will change the disc automatically after the playing of one disc has ended.

9.5 Track switch

☆ Under CDC mode, press BAND to change the sound channel. There are 3 selections (L/L, R/R, L/R) for sound channel change, the sound channel status will be displayed on the screen. If it is stereo (L/R), the display will disappear after 3 seconds.

9.6 CD changer operation

9.6.1 Insert discs

☆ Place the box with the side which has CD symbol upward. Draw out plate one by one to stop positions.

☆ Place discs on the plates in sequence.

☆ Push forward the plates into box until you hear a sound of click.

★★★ **To avoid accidental failure, place only one disc on one plate.**

9.6.2 Remove discs

☆ Draw out disc plates out of CD changer to stop position, take out of discs with hands.

★★★ Take CD changer with care, if the disc insertion position faces downward, there may be a risk of slipping disc out of plates.

9.6.3 Insert disc box

☆ Glide the door leftward until the door is opened widely with a sound of click.

☆ Check equipment top and the direction of disc insertion, push CD changer inside gently until a sound of click.

☆ Close door until you hear a sound of click.

★★★ Make sure to close CD changer door closely to prevent dusty enter.

9.6.4 Remove disc box

Screw ignition key, turn on receiver power.

☆ Open glide door.

☆ Press ejection button "⏏", CD changer will be ejected out.

☆ Draw out CD changer according to arrow direction, until CD changer glides out of equipment.

CAUTION: If in any case, the CD changer can not be draw out, press "RESET" button and push the CD changer inside with strength, then press ejection button "⏏".

X, *AV operation*

10.1 AV play

☆ Press AV button, start playing AV。

☆ select other function(TV、Radio、DVD、CDC),stop playing AV.

Note: The AV input channel is commonly used with car-backing scene, if you use AV function, please set the BACK in Sys Setup to OFF (refer to 5.3.3 in detail).

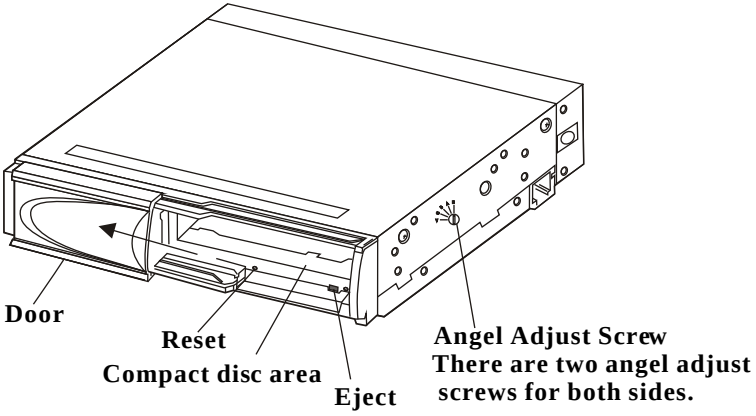
10.2 Backing with backsight

☆ If you want to use the rear-view function at backing, please set BACK in Sys Setup to ON (refer to 5.3.3 in detail). If the AV interface loses efficacy, the signal can not be input.

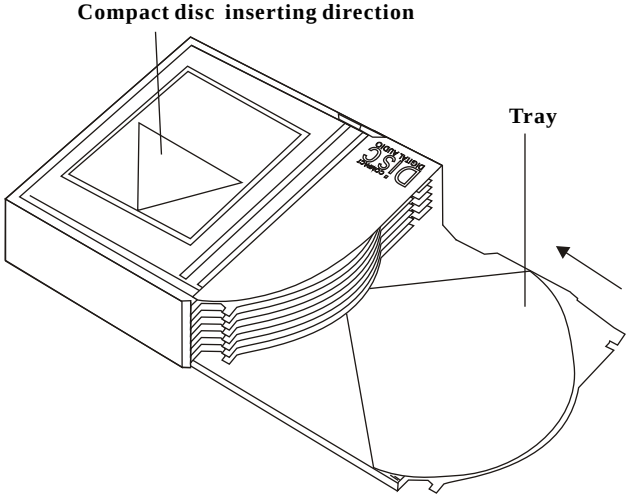
☆ When the car converters into BACK, no matter what condition the system is in, it will automatically transfer to back view display, the screen will display "BACK" (car backing signal input). After leaving the BACK mode, all the functions of the system will restore automatically.

XI, *Necessary Disc machine installation*
（In Example of Panasonic DP88）

11.1 Appearance
11.1.1 CD changer



11.1.2 Compact disc and tray



CAUTION: Do not use a disc with 8cm diameter. Tray should be placed in the right position before inserting compact disc.

11.2 Installation guidance
11.2.1 Installation location

When the temperature in car is too high, do not install this instrument on rear undercarriage to avoid the problems, in case it is caused by the contact with it. The following locations also should be avoided,

- Direct sunshine, hot air from heater or other high temperature places.
- Not safe or heavily vibration.
- Too much humid, dirty or dusty.

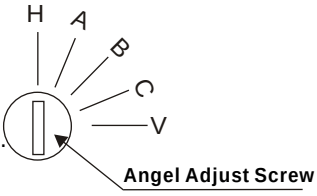
11.2.2 Installation work

According to your selected installation angle, use a screwdriver to adjust the angle-adjustment screw to a position of "V" or "H" 。

- When set to vertical position: Choose "V" position.
- When set to horizontal position: Choose "H" position.

This equipment has 5 positions for your choice:
A)Horizontal b) Vertical
c) A (22.5 degrees) d) B (45 degrees)
e) C (67.5 degrees)

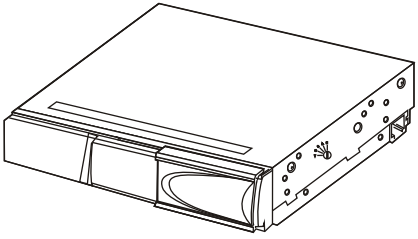
The following data is for your reference in installation.

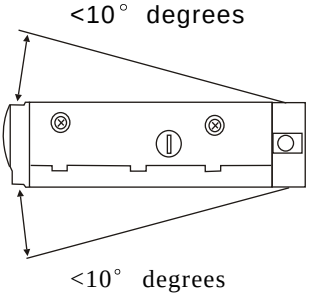


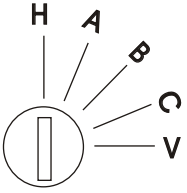
11.2.3 Installation angle

- **Horizontal installation**

The instrument should be placed as follows.



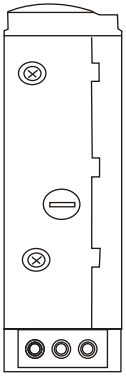




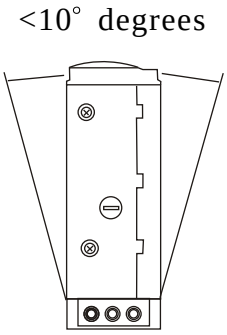
Incline angle is less than 10 degrees. (As shown in top figure.)
Place screws in same positions in both sides (as shown in left figure).

• Vertical installation

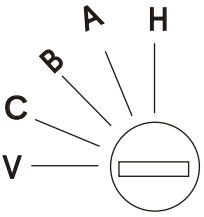
Vertical installation as shown below



Incline angel <10 degrees (as shown below)

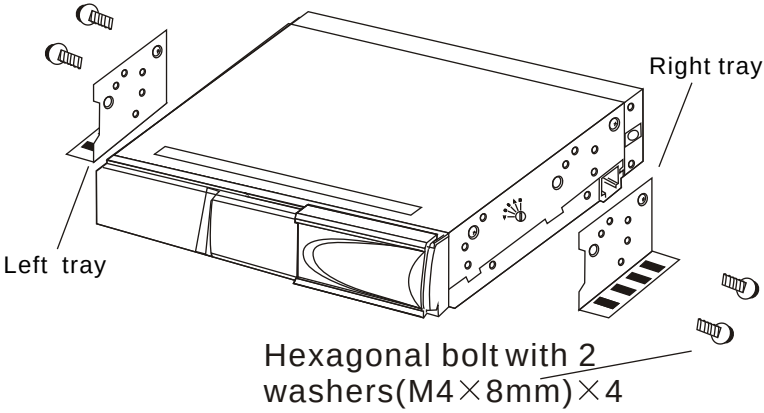


Place screws in same positions in both sides (as shown below)

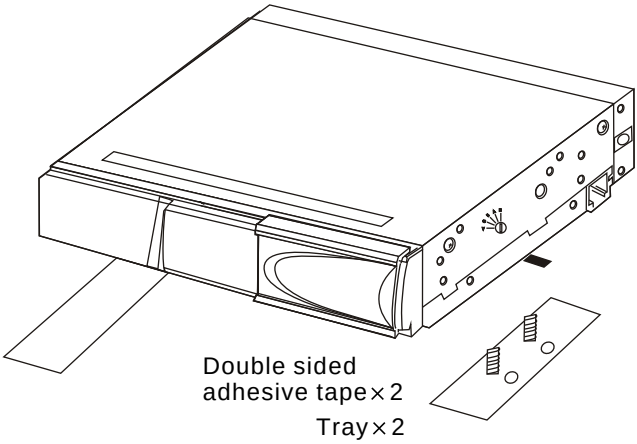


11.2.4 Typical horizontal installation

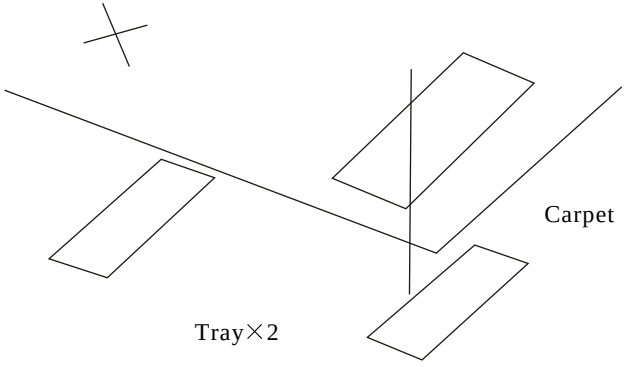
☆ Use a hexagonal bolt with 2 washers(M4 × 8mm)
Fix left and right installation trays onto host instrument.



☆ Choose position to install，fix trays with double sided adhesive tape.

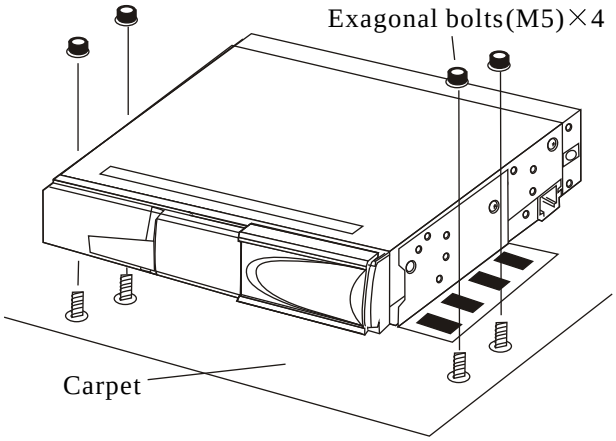


☆Cut a small cross on carpet in the position, which is right towards the M5 bolt on tray.



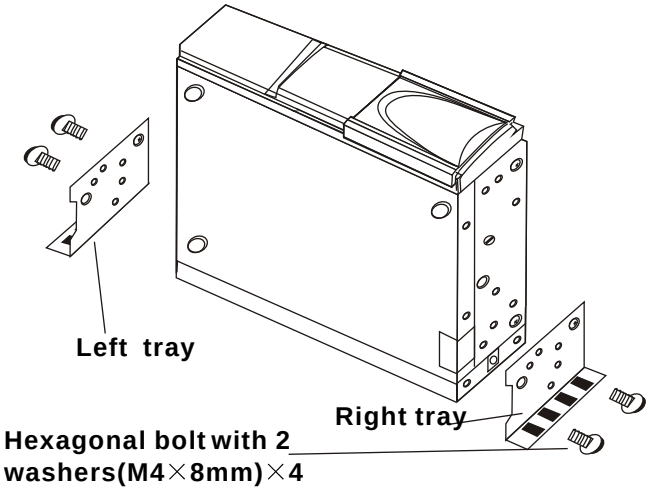
☆ Fix both tray and tape onto installation plate under carpet.

☆ Use 4 hexagonal bolts(M5) to install the equipment onto the 4 holes on carpet.

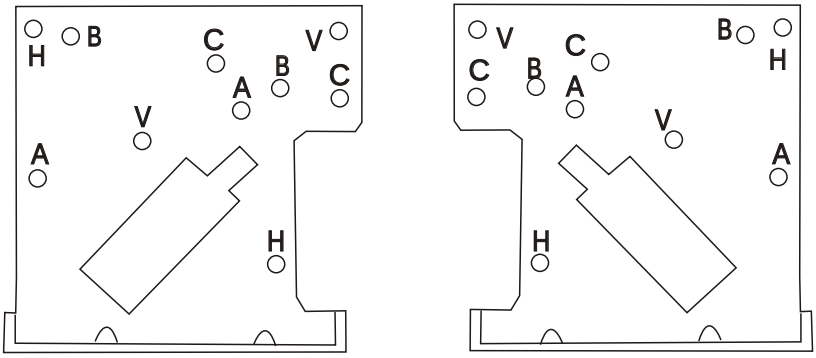


11.2.5 Typical vertical installation

☆ Fix trays onto the both sides of equipment by using hexagonal bolt with 2 washers (M4 × 8mm)



11.2.6 The relations between angles and installation holes.



Left tray　　Right tray

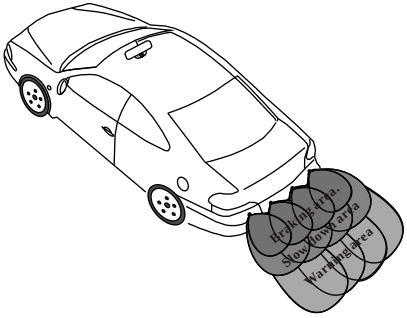
☆ The above figure has explained clearly the relation between installation holes and installation tray (left and right) angles. There are marks that show the installation angles. Please choose proper holes according to your installation angle.

XII, *Accessories*

Our products are in series; there will be slightly differences in functions and accessories according to the specific specifications, for example, GPS and backing camera. So for your own interests, please check all the accessories and packing list.

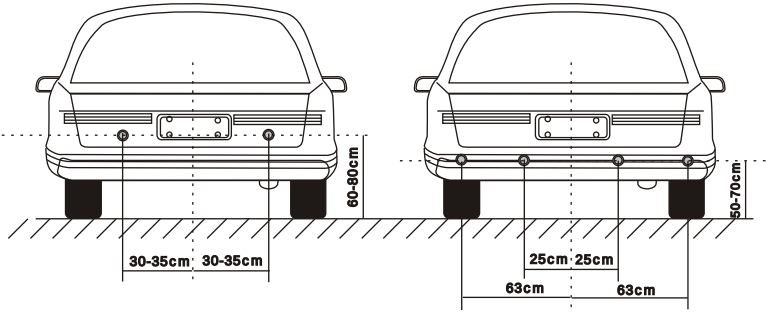
12.1 Backing radar installation

12.1.1 Sensor's effective scope diagram



12.1.2 Sensor's installation position

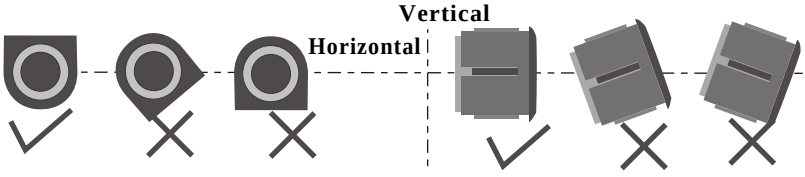
According to the quantity installed, the positions can be as follows:



Remark: The final installation position can be adjusted slightly according to you car dimensions.

12.1.3 the requirements and method of installation

Sensors should be inserted vertically into rear bumper as the arrow's direction. Any direction's inclination will affect the usage.

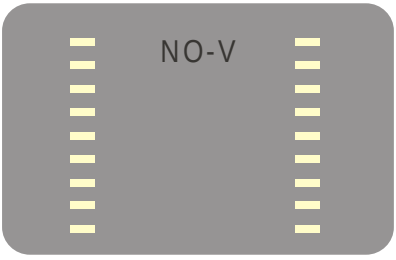


12.2 Backing radar usage

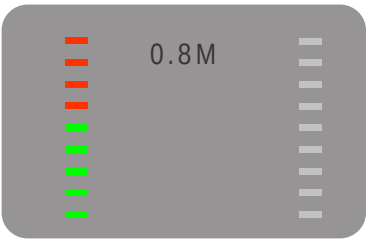
When backing car signal cable is connected properly, radar function will be started automatically when you backing your car.

12.2.1 Signpost display

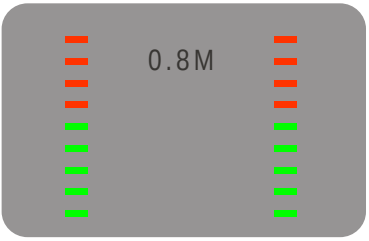
A. When radar is not connected, Monitor can only display ordinary signpost(yellow), Which as shown in right picture.



B. When radar backing car module is connected and you only connect left (right) sensor, monitor will only display left (right) radar signpost, and for right(left) (yellow), there Is only ordinary signpost.



C. When radar is connected, all sensors connected too， monitor will display radar signpost as The right picture.



12.2.2 Display of radar detection

A. When the distance between radar sensor and barrier is more than 1.6m， there will bea “FAR” on screen bottom.

B. When the distance is less than 1.6m but more than 1.2m， the distance value will be displayed on screen bottom and buzzer does not work. Sensor is now working in warning area.

C. When the distance is less than 1.2m but more than 0.2m， the distance is displayed on the screen bottom and buzzer beeps, the more closer, the more frequent buzzer beeps. Sensor is now working in slow down area.

D. When the distance is less than 0.2m， it will display “STOP!” on screen bottom， buzzer gives out continuous sound， sensor is now working in stop area.

☆ When radar signpost is available， with the decreasing of the distance between radar sensor and barrier, red signpost goes down gradually. When the distance increases, green signpost goes upward.

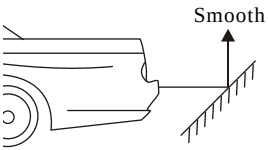
☆System takes out the data of four radar sensors, after calculation, the shortest distance will be displayed on top of screen.

12.3.1 Precautions

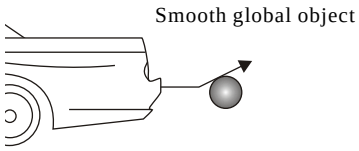
★★★ The system is only designed to help you back your car, our company will not take any responsibilities for any accident. So, please pay attention in driving.

☆ Detection can be affected by:

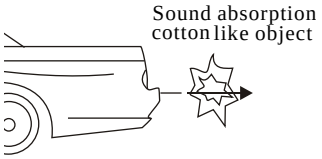
- When in a smooth slope, signal can be reflected out.



- When in the near of a smooth spherical object, signal can be reflected out.



- When in the near of a sound absorption cotton like object, signal can be absorbed greatly.



- After installation, please first Confirm the function, then use.

XIII、*Precautions*

13.1 Precautions when using the product

★ Don't operate this product when driving.

★ Don't insert the coins or some little things. Screw and other metal things should be far away from the Video mechanism and discs.

★ Please don't try to repair. The display screen is composed of lots of precise electronic components. They'll be broken or cracked if disassembled or refitted. If the failure happens, please turn off the power supply immediately and notify distributors or us.

★ Please don't let the display screen incur the pollution like dampness, dust, stream, lampblack, etc.

★ Please don't use thinner or other chemical cleaner to wipe the surface of the display screen. The dirt should be wiped off by using soft cloth.

★ Please don't let the display screen be disposed in insulation.

★ If water or other substances enters into the product, please turn off the power supply immediately and contact the distributors or us.

★ Please turn off the power supply first when you plan to clean the machine.

★ The working temperature of this product is 0°C − 60°C.

★ The product is specially designed for vehicle, which is equipped with a 12V

13.2 Precautions on CD

★ Dirt, dust, scratching and bended disc will result in operation error.

★ Don't place the disc on the object with edge. Don't scratch the disk.

★ Don't bend the disc.

★ The disc should be taken out when it is not in use.

★ The disc should not be placed at the following places:

1. The places in straight sun shine.
2. The dirty, dusty and damp places.
3. The places near the heater of automobiles.
4. On the seat of automobiles or the plate of instruments.

★ Don't use these discs, like heart-shape, octagon shape, etc.

★ Clearing discs

Use the wet soft cloth to scrub the surface of the disc. If the disc is fairly dirty, use the damp soft cloth with propanol to scrub it gently. Don't use solute like gasoline, thinner, cleaner often used for disc, as they'll scratch the surface of the disc.

XIV、Troubleshooting

Before calling service, first check the following table for possible problems to have slightly check or adjust. It might seem to solve the problems and make the unit come back to order. If you are doubtful of this following table or solve the problems ineffectively following these help, consult the professional service center.

Warning: It is very complicated. Do not open the CD changer or try any repair.

Problem	Possible cause	Solution
LCD screen no any display	The power switch and gniting Switch are not switched on.	Set the switches to ON.
	Connection wire is loose	Reconnecting
	Fuse is burnt out	Replace with new fuse.
No sound	The system is in UTE mode.	Leave the MUTE mode.
	Connection wire of the speaker is Loose.	Reconnecting

Problem	Possible cause	Solution
No sound	The speakers is damaged.	Replace with new peakers
No image	The disc is not put in the proper position.	Put the side with label upward on the tray.
	The disc is dirty or damaged.	Try other discs.
Operation is failure.	The functions are locked	Pull out the power plug, and insert after 10 seconds.
The sound skips	The disc is dirty or damaged.	Try other discs.
The sound skips from vibration	The master control unit is not properly mounted.	Ensure the master control unit is fixed firmly.
	Mounting screw of the disc in not fastened in right direction.	The screw adjust angle marked V or H should be adjust to the right mounting direction.

XV、 *Packing list*

NO.	Items	QTY	Memo
1	DVD Host equipment	1set	
2	CD changer	1set	Options
3	Remote controller	1pc	
4	Power audio output wire	1 strip	
5	Connecting wire from the controller to disk	1 strip	Options
6	Radar/Lens input wire	1 strip	
7	Battery of remote controller	1pc	Options
8	Accessories of changer machine	1set	Left & right
9	Mainframe spare parts (screw, etc)	1set	
10	Manual	1pc	
11			